

H-205706

# CATALYTIC BURNER FOR A FUEL GAS GENERATING STACK SYSTEM

## ABSTRACT OF THE DISCLOSURE

A burner arrangement for the combustion of a fuel gas/oxygen mixture, characterized by a body permeable for the mixture whose surface regions defining the free cross section of flow are covered with an oxidation catalyst, by a feeder device arranged on an intake side of the body permeable for the mixture which distributes the mixture over at least essentially the entire active intake area of the intake side and by a layer coordinated with the feeder device and separating the catalytic combustion zone of the permeable body from the mixture inflow, but permeable for it, which serves as a flashback safety.

I hereby certify that this document is being deposited with the United States Postal Service as Express Mail Post Office to Addressee addressed to Box Patent Applications, Commissioner for Patents, Washington, D. C. 20231 on:

Date of Deposit: February 6, 2001

Express Mail Label No. EF045423667US

Signature Eleanor J. Halik  
Eleanor J. Halik